PORTABLE DOSE RATEMETER

(RADIAC SURVEY METER No. 1)

1038A & 1155A

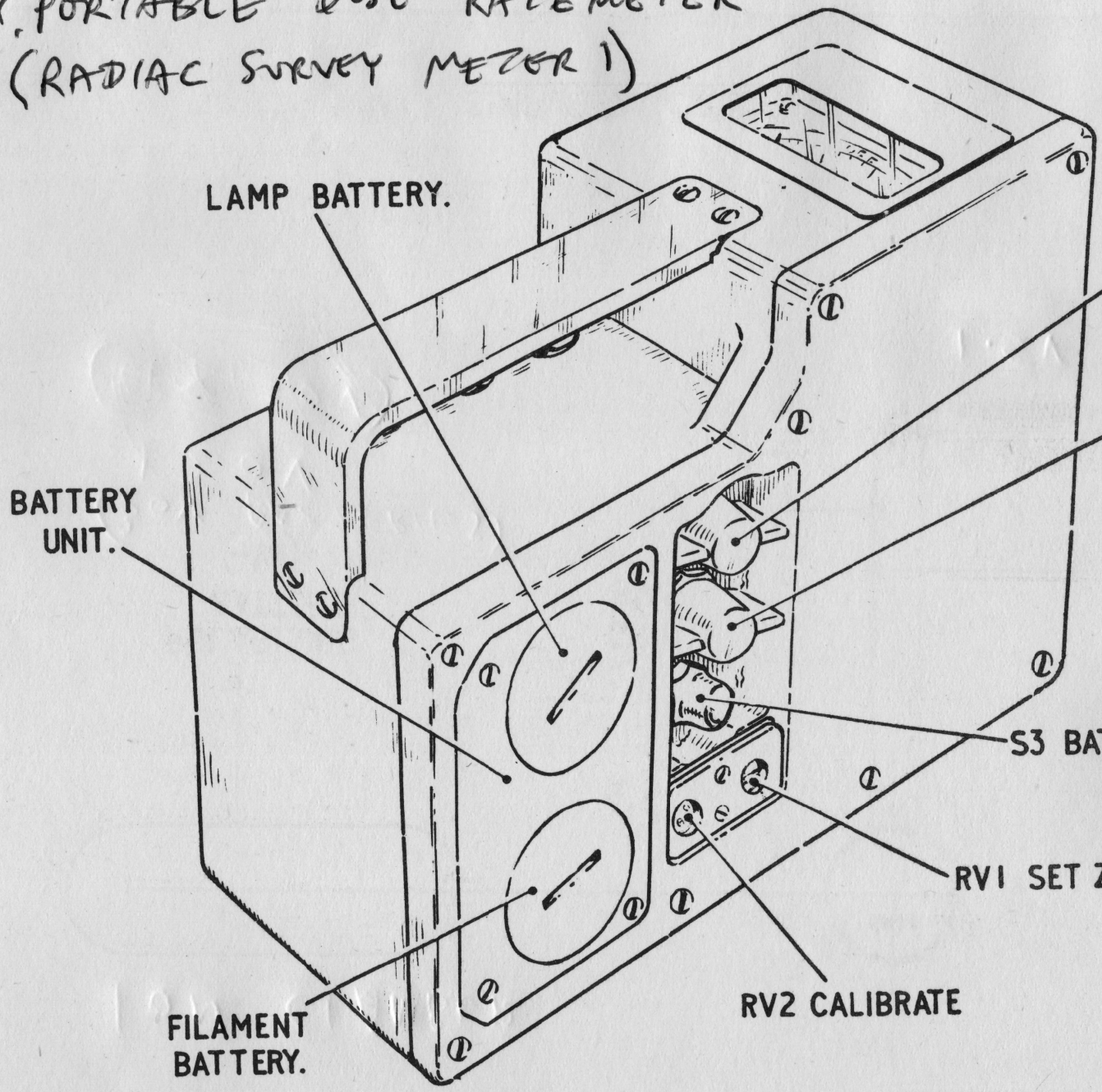
0–3 R/hr (ONE RANGE ONLY)

0–3 R/hr & 0–30 R/hr (TWO RANGES)

INSTRUCTION MANUAL ISSUE. 1.

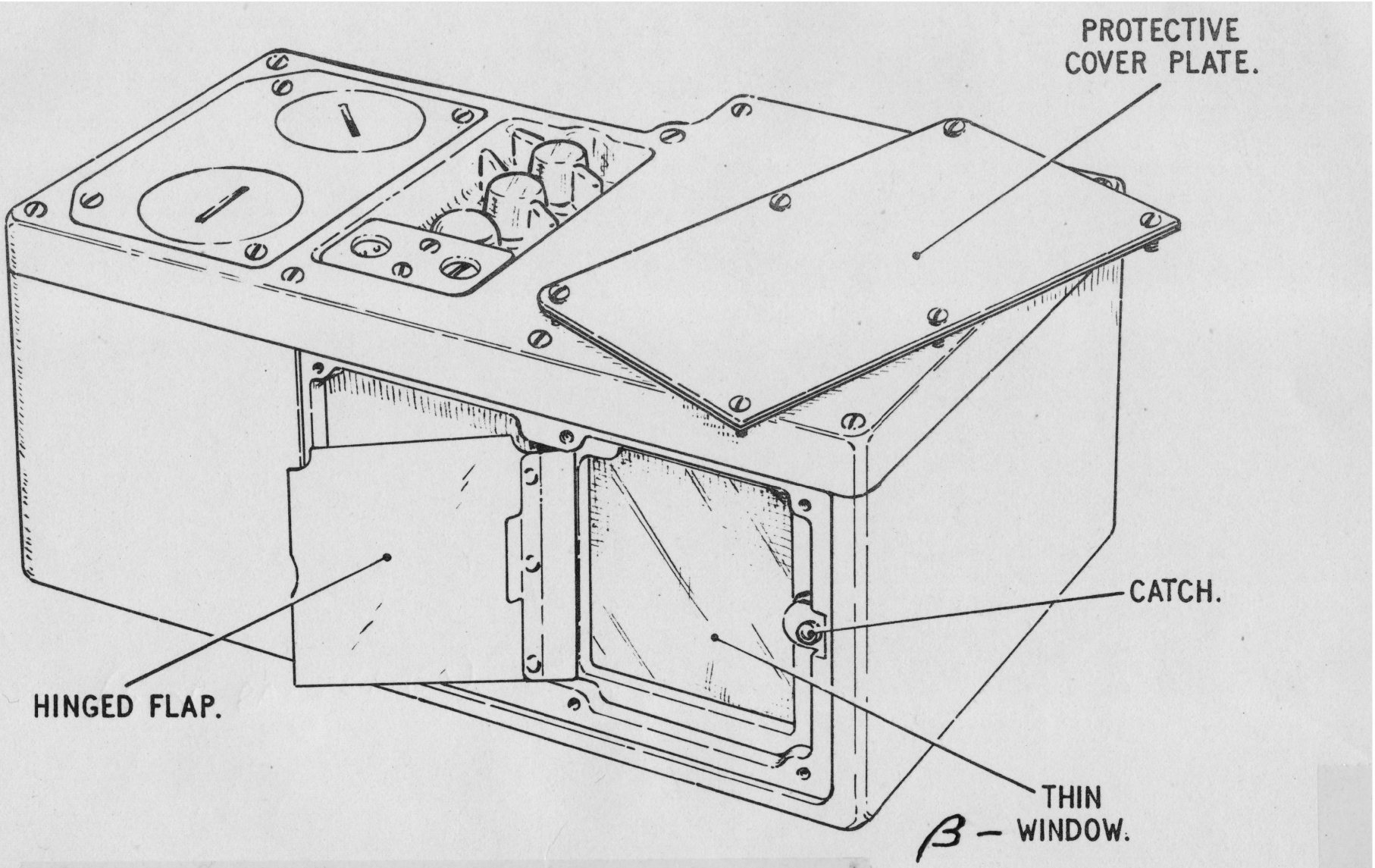
Published by:
Specifications and Manuals Section, A.E.R.E. Harwell from whom extra copies may be obtained if desired.

U.K. PORTABLE DOSE RATEMETER
1 (RADIAC SURVEY METER 1)



[RADIAC SURVEY METER 2 IS A SCALED-DOWN VERSION WITH AN EXTRA 0-300 R/hr RANGE FOR H-BOMB FALLOUT.]

3.75" x 9" x 6" HIGH, 9 lbs.



$$I = \frac{V.R.}{10.8.} \text{ micro-micro amps.}$$

where V = ionization chamber volume (c.c.)
R = Dose Rate (Rontgen/hr).

In the portable dose rate meter type 1038A, the ionization chamber volume is about 310 cc, and the full scale dose rate is 3R/hr